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(71) Applicants (for all designated States except US): ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE [KR/KR]; 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350 (KR). KT CORPORATION [KR/KR]; 206, Jungja-dong, Bundang-gu, Seongnam-city, Kyeongki-do 463-711 (KR). SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416,

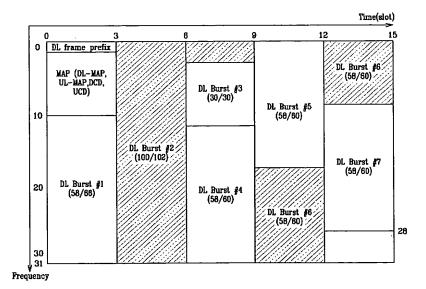
Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR). SK TELECOM CO., LTD. [KR/KR]; 99, Seorin-dong, Jongro-gu, Seoul 110-110 (KR). KT-FREETEL CO., LTD. [KR/KR]; 890-20 Daechi-dong, Gangnam-gu, Seoul 135-280 (KR). HANARO TELE-COM, INC. [KR/KR]; Shindongah Fire & Marine Insurance Building 43, Taepyeongno 2-ga, Jung-gu, Seoul 100-733 (KR).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): YOON, Chul-Sik [KR/KR]; Daewootopia 1208, Dunsan-dong, Seo-gu, Daejeon-city 302-120 (KR). LIM, Soon-Yong [KR/KR]; Hanbit Apt. 117-1101, Eoeun-dong, Yuseong-gu, Daejeon-city 305-755 (KR). KIM, Jae-Heung [KR/KR]; Sejong Apt. 106-807, Jeonmin-dong, Yuseong-gu, Daejeon-city 305-390 (KR). YEO, Kun-Min [KR/KR]; Keumyong Villa 403, 136-1 Sinsung-dong, Yuseong-gu, Daejeon-city 305-804 (KR). RYU, Byung-Han [KR/KR]; Hanvit Apt. 118-604, Eoeun-dong, Yuseong-gu, Daejeon-city 305-755 (KR).
- (74) Agent: YOU ME PATENT AND LAW FIRM; Seolim Bldg., 649-10 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

[Continued on next page]

(54) Title: METHOD FOR ALLOCATING AND ACCESSING RADIO RESOURCES IN OFDMA SYSTEM



(57) Abstract: Disclosed is a method for allocating and accessing downlink resources in the OFDMA communication system. In the resource allocation method, bursts having the same modulation and channel encoding level are arranged in a predetermined temporal order on a physical layer. Information on the allocated unit resources is included in a common control block and is transmitted to a subscriber station, and the subscriber station then detects a number of the allocated unit resources to thus check the range of bursts to be received by the subscriber station. Therefore, power consumption by the subscriber station is reduced and signaling overheads of the common control information and unneeded residual resources are decreased.



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